

SEQUENCE LISTING

<110> MacKay, Fabienne
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 Schneider, Pascal
 Thompson, Jeffrey
 Biogen, Inc.
 Apotech R&D S.A.

<120> Baff Receptor (BCMA), An
 Immunoregulatory Agent

<130> A080PCT

<140> PCT/US00/22507

<141> 2000-08-16

<150> 60/149,378

<151> 1999-08-17

<150> 60/181,684

<151> 2000-02-11

<150> 60/183,536

<151> 2000-02-18

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<212> PRT

<213> homo sapien

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Pro	Pro	Leu	Thr	Cys	Gln	Arg	Tyr	Cys	Asn	Ala	Ser	Val	Thr	Asn	Ser
		35					40					45			
Val	Lys	Gly	Thr	Asn	Ala	Ile	Leu	Trp	Thr	Cys	Leu	Gly	Leu	Ser	Leu
	50					55					60				
Ile	Ile	Ser	Leu	Ala	Val	Phe	Val	Leu	Met	Phe	Leu	Leu	Arg	Lys	Ile
65					70					75				80	
Ser	Ser	Glu	Pro	Leu	Lys	Asp	Glu	Phe	Lys	Asn	Thr	Gly	Ser	Gly	Leu
				85					90					95	

A080pct.txt

Leu	Gly	Met	Ala	Asn	Ile	Asp	Leu	Glu	Lys	Ser	Arg	Thr	Gly	Asp	Glu
			100					105					110		
Ile	Ile	Leu	Pro	Arg	Gly	Leu	Glu	Tyr	Thr	Val	Glu	Glu	Cys	Thr	Cys
		115					120				125				
Glu	Asp	Cys	Ile	Lys	Ser	Lys	Pro	Lys	Val	Asp	Ser	Asp	His	Cys	Phe
	130					135				140					
Pro	Leu	Pro	Ala	Met	Glu	Glu	Gly	Ala	Thr	Ile	Leu	Val	Thr	Thr	Lys
145					150					155					160
Thr	Asn	Asp	Tyr	Cys	Lys	Ser	Leu	Pro	Ala	Ala	Leu	Ser	Ala	Thr	Glu
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			180												

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 120
 gtaatgcaag tgtgaccaat tcagtgaag gaacgaatgc gattctcttg acctgttttg
 180
 gactgagctt aataatttct ttggcagttt tcgtgcta gtttttgcta aggaagataa
 240
 gctctgaacc attaaaggac gagtttaaaa acacaggatc aggtctcctg ggcattggcta
 300
 acattgacct ggaaaagagc aggactgggtg atgaaattat tctccgagag gcctcgagta
 360
 cacggtggaa gaatgcacct gtgaagactg catcaagagc aaaccgaagg tcgactctga
 420
 ccattgcttt ccactcccag ctatggagga aggcgcaacc attctgtcac cacgaaaacg
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 aatgactatt gcaagagcct gccagctgct ttgagtgcta cggagataga gaaatcaatt
 540
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<210> 3
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 20 25 30
 Asp Ser Leu Asp Val Thr Met Leu Gln Met Ala Gly Gln Cys Ser Gln

A080pct.txt

35	40	45
Asn Glu Tyr Phe Asp Ser Leu	Leu His Ala Cys Ile Pro Cys Gln Leu	
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Arg Cys Ser Ser Asn Thr Pro Pro Leu Thr Cys Leu His Ala Cys Ile		
65	70	75
Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr Pro Pro Leu Thr Cys Gln		
85	90	95
Arg Tyr Cys Asn Ala Ser Val Thr Asn Ser Val Lys Gly Gln Arg Tyr		
100	105	110
Cys Asn Ala Ser Val Thr Asn Ser Val Lys Gly Val Asp Lys Thr His		
115	120	125
Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val		
130	135	140
Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr		
145	150	155
Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu		
165	170	175
Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys		
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<212> DNA

<213> homo sapien

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120

ttgcatgctt gcataccttg tcaacttcga tgttcttcta atactcctcc tctaacaatgt
180

cagcggttatt gtaatgcaag tgtgaccaat tcagtgaag gagtcgacaa aactcacaca
240

tgccaccgt gccagcacc tgaactcctg gggggaccgt cagtcttcct cttcccccca
300

aaacccaagg acaccctcat gatctcccgg acccctgagg tcacatgcgt ggtggtggac
360

gtgagccacg aagaccctga ggtcaagttc aactggtacg tggacggcgt ggaggtgcat
420

aatgccaaga caaagccgcg ggaggagcag tacaacagca cgtaccgtgt ggtcagcgtc
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A080pct.txt

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          20          25          30
Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro
          35          40          45
Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val
          50          55          60
Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly
65          70          75          80
Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp
          85          90          95
Gly Ser Phe Phe Lys Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln
          100          105          110
Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
          115          120          125
Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
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<210> 6

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<212> DNA

<213> homo sapien

<400> 6

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120
acctgcctgg tcaaaggctt ctatcccagc gacatcgccg tggagtggga gagcaatggg
180
cagccggaga acaactacaa gaccacgcct cccgtgttgg actccgacgg ctctttcttc
240
ctctacagca agctcaccgt ggacaagagc aggtggcagc aggggaacgt ctttctcatgc
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<210> 7

<211> 184

<212> PRT

<213> homo sapien

<400> 7

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Met Leu Gln Met Ala Gly Gln Cys Ser Gln Asn Glu Tyr Phe Asp Ser
 1          5          10          15
Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr

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A080pct.txt

			20					25				30					
Pro	Pro	Leu	Thr	Cys	Gln	Arg	Tyr	Cys	Asn	Ala	Ser	Val	Thr	Asn	Ser		
		35					40					45					
Val	Lys	Gly	Thr	Asn	Ala	Ile	Leu	Trp	Thr	Cys	Leu	Gly	Leu	Ser	Leu		
	50					55					60						
Ile	Ile	Ser	Leu	Ala	Val	Phe	Val	Leu	Met	Phe	Leu	Leu	Arg	Lys	Ile		
65					70					75					80		
Ser	Ser	Glu	Pro	Leu	Lys	Asp	Glu	Phe	Lys	Asn	Thr	Gly	Ser	Gly	Leu		
			85						90					95			
Leu	Gly	Met	Ala	Asn	Ile	Asp	Leu	Glu	Lys	Ser	Arg	Thr	Gly	Asp	Glu		
			100					105					110				
Ile	Ile	Leu	Pro	Arg	Gly	Leu	Glu	Tyr	Thr	Val	Glu	Glu	Cys	Thr	Cys		
	115					120					125						
Glu	Asp	Cys	Ile	Lys	Ser	Lys	Pro	Lys	Val	Asp	Ser	Asp	His	Cys	Phe		
	130					135				140							
Pro	Leu	Pro	Ala	Met	Glu	Glu	Gly	Ala	Thr	Ile	Leu	Val	Thr	Thr	Lys		
145					150					155					160		
Thr	Asn	Asp	Tyr	Cys	Lys	Ser	Leu	Pro	Ala	Ala	Leu	Ser	Ala	Thr	Glu		
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Ile	Glu	Lys	Ser	Ile	Ser	Ala	Arg										
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<212> DNA

<213> Homo Sapien

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120

agctgctctt gctgcatttg ctctggaatt cttgtagaga tattacttgt ccttccaggc
180

tggttctttct gtagctccct tggtttcttt ttgtgatcat gttgcagatg gctgggcagt
240

gctcccaaaa tgaatatttt gacagtttgt tgcattgcttg cataccttgt caacttcgat
300

gttcttctaa tactcctcct ctaacatgtc agcgttattg taatgcaagt gtgaccaatt
360

cagtgaagag aacgaatgag attctctgga cctgtttggg actgagctta ataatttctt
420

tggcagtttt cgtgctaatt tttttgctaa ggaagataag ctctgaacca ttaaaggacg
480

agtttaaaaa cacaggatca ggtctcctgg gcatggctaa cattgacctg gaaaagagca
540

ggactggatg tgaaattatt cttccgagag gcctcgagta cacgggtggaa gaatgcacct
600

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660

ctatggagga aggcgcaacc attcttgtca ccacgaaaac gaatgactat tgcaagagcc

A080pct.txt

720

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780

tttcgactcg agcagtgcca ctttaaaaat cttttgtcag aatagatgat gtgtcagatc

840

tctttaggat gactgtatct ttcagttgcc gatacagctt tttgtcctct aactgtggaa

900

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960

cttggtttca tgattaaagt cttttttttt cctga

995